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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/775,014	01/31/2001	Prabahkar Subramaniam	500048.01	7475

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THOMAS, KAYDEN, HORSTEMEYER & RISLEY, LLP  
100 GALLERIA PARKWAY, NW  
STE 1750  
ATLANTA, GA 30339-5948

EXAMINER
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BOUTAH, ALINA A

ART UNIT	PAPER NUMBER
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2143

DATE MAILED: 07/01/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

**Application No.**

09/775,014

**Applicant(s)**

SUBRAMANIAM, PRABAHKAR

**Examiner**

Alina N Boutah

**Art Unit**

2143

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 31 January 2001.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-22 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 31 January 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>3/24/03</u> . | 6) <input type="checkbox"/> Other: _____  |

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## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-22 rejected under 35 U.S.C. 102(e) as being anticipated by USPN 6,523,022 issued to Hobbs.

Regarding claim 1, Hobbs teaches a method of providing a user access to computer resources on a target computer system, the method comprising:

under control of a client computer system, initiating a user request to access a desired computer resource in the target computer system (figures 2-4);

under control of an interface component on a server computer system, receiving the user request and initiating a remote invocation of a user component object on the target computer system in response to the user request (figures 2-4); and

receiving the remote invocation on the target computer system and, in response to the remote invocation, invoking the user component object to access the desired computer resource and obtain user information from the accessed computer resource, the user component object

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resource, the user information to the interface component on the server computer system which, in turn, sends the user information to the client computer system (figures 2-4).

Regarding claim 2, Hobbs teaches the method of claim 1 wherein a Web browser executing on the client computer system initiates the user request (figure 6).

Regarding claim 3, Hobbs teaches the method of claim 1 wherein initiating the remote invocation corresponds to a distributed component object model communication, and that user component object returns the user information via a distributed component object model communication (figures 2-4).

Regarding claim 4, Hobbs teaches the method of claim 1 wherein the interface component includes an active server page through which the user request is received and the corresponding user information is provided to the client computer system (col. 16, lines 12-29).

Regarding claim 5, Hobbs teaches the method of claim 4 wherein communication between the active server page component and the client computer system comprises communication via a secure communications protocol (col. 22, lines 1-2).

Regarding claim 6, Hobbs teaches the method of claim 1 wherein receiving the remote invocation on the target computer system and returning the user information to the interface component on the server computer system includes authenticating the interface component that

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initiated the remote invocation and determining whether the interface component has access to the user component object (abstract).

Regarding claim 7, Hobbs teaches the method of claim 1 wherein the target computer system corresponds to a company's internal computer system and the client computer system corresponds to a business partner of the company, and the user request corresponds to business information stored on the company's internal computer system that the business partner is permitted to access (col. 1, line 46 to col. 2, line 5).

Regarding claim 8, Hobbs teaches a method of providing a user access to computer resources on a target computer system, the method comprising:

under control of an interface component on a server computer system, receiving a user request to access a desired computer resource in the target computer system, initiating a remote invocation of a user component object on the target computer system in response to the received user request, under control of the user component object on the target computer system, receiving the remote invocation (figures 2-4);

in response to the remote invocation, invoking the user component object to access the desired computer resource and obtain user information from the accessed computer resource (figures 2-4);

returning the user information to the interface component on the server computer system, and under control of the interface component on the server computer system, providing the returned user information to a sender of the user request (figures 2-4).

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Regarding claim 9, Hobbs teaches the method of claim 8 wherein the user request corresponds to an HTTP request received from a Web browser (figure 2).

Regarding claim 10, Hobbs teaches the method of claim 8 wherein initiating the remote invocation corresponds to a distributed component object model communication, and the user component object returns the user information via a distributed component object model communication (figure 2).

Regarding claim 11, Hobbs teaches the method of claim 8 wherein the interface component includes an active server page through which the user request is received and the corresponding user information is provided to the client computer system (col. 16, lines 12-29).

Regarding claim 12, Hobbs teaches the method of claim 11 wherein communication between the active server page and the client computer system comprises communication through a secure communications protocol (col. 22, lines 1-2).

Regarding claim 13, Hobbs teaches the method of claim 8 wherein receiving the remote invocation and returning the user information to the interface component on the server computer system includes authenticating the interface component that initiated the remote invocation and determining whether the interface component has access to the user component object (abstract).

Regarding claim 14, Hobbs teaches the method of claim 8 wherein the target computer system corresponds to a company's internal computer system and the client computer system corresponds to a business partner of the company, and the user request corresponds to information stored on the company's internal computer system that the business partner is permitted to access (col. 1, line 46 to col. 2, line 5).

Regarding claim 15, a system for providing a remote user with access to resources on a computer system, comprising:

a first server computer system including a plurality of computer resources and including a user component object, the user component object being adapted to receive a remote invocation and operable in response to the remote invocation to access a computer resource and obtain corresponding user information, the user component object outputting the obtained user information (figures 3 and 4); and

a second server computer system coupled to the first server and including an interface component that is adapted to receive a user request to access a desired computer resource, the interface component applying the remote invocation to the user component object in response to the received user request, and the interface component receiving the obtained user information corresponding to the applied remote invocation and providing the user information to a sender of the user request (figures 3 and 4).

Regarding claim 16, Hobbs teaches the computer system of claim 15 wherein the user component object comprises a DCOM object (col. 13, line 60 to col. 14, line 20).



Regarding claim 17, Hobbs teaches the computer system of claim 15 wherein the second server computer system comprises a Web server (abstract).

Regarding claim 18, Hobbs teaches the computer system of claim 15 wherein the first server computer system further comprises a firewall coupled between the first and second server computer systems, the firewall monitoring each communication between the first and second computer systems and permitting only communications that satisfy specified security criteria (figure 4).

Regarding claim 19, Hobbs teaches a computer system for providing a user access to resources on the computer system, comprising:

a first server computer system including an active server page adapted to receive user requests from a browser program, the active server page operable in response to the user request to generate a page data request and to receive page data responsive to the page data request, and the active server page providing a Web page including the received page data to the browser (figures 2-4);

a component object wrapper coupled to the active server page, the component object wrapper translating data in the page data request into a second data format and generating a component call responsive to receiving the page data request from the active server component, and the component object wrapper receiving user data corresponding to the component call and translating the user data into page data and returning the page data to the active server page;

component object stub coupled to the component object wrapper, the component object stub generating a remote invocation command responsive to the component call from the component object wrapper and being adapted to receive user data returned in response to the remote invocation and to provide the user data to the component object wrapper (figure 3, col. 15, lines 4-16); and

a second server computer system coupled to the component object stub, the second server computer system including a plurality of computer resources and further including a user component object, the user component object accessing the plurality of computer resources to obtain user data in response to the remote invocation command and returning the user data to the component object stub (figure 3).

Regarding claim 20, Hobbs teaches the computer system of claim 19 wherein the user component object comprises a DCOM object (col. 13, line 60 to col. 14, line 20).

Regarding claim 21, Hobbs teaches the computer system of claim 19 wherein the second server computer system further includes a firewall component that monitors communications to and from the second server computer system including the remote invocation commands and returned user data communicated between the user component object and the component object stub and permits only communications that satisfy specified security criteria (figure 4).

Regarding claim 22, the computer system of claim 19 wherein the first server computer system comprises a Web server (abstract).

***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

1. USPN 6,496,865 issued to Sumsion et al.
2. USPN 6,629,142 issued to Badami et al.
3. USPN 6,154,741 issued to Feldman.
4. USPN 6,182,140 issued to Feig et al.
5. USPAP 2002.0165960 by Chan.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alina N Boutah whose telephone number is (703) 305-5104. The examiner can normally be reached on Monday-Thursday (9:00 am-7:00 pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David A Wiley can be reached on (703) 308-5221. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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DAVID WILEY  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100